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Case Report

Luteal Phase Support for Documented Failure of Placental Steroidogenesis: A Case Report
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Bryan Kratz has nothing to disclose. Amer Rasheed has nothing to disclose. John Holden has nothing to disclose.

Abstract:

Objective: To report a case of a habitual aborter that had a pregnancy reach near term and successfully delivered a viable female infant.

Design: Report of a unique case of a G10P1 that was successfully able to maintain a pregnancy by maintaining serum levels of estradiol and progesterone at or above 200 pg/dL and 25 ng/dL respectively. This case provides a benchmark for exogenous support of estradiol and progesterone throughout pregnancy.

Setting: A private advanced reproductive center

Patient: 39-year-old G10P1091 diagnosed to have antiphospholipid syndrome but continued to have continuous miscarriages despite accepted treatment. In addition, 8 products of conception were sent for cytogenetic testing and all were found to be normal.

Interventions: Examination, laboratory studies, imaging, clinical judgment, and knowledge of previous treatment failures were used to guide the treatment of this patient. Fertility was achieved with continuous supplementation of progesterone, estrogen, LMW-heparin, and prednisone.

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